



CLEAN ENERGY 805

Property Name	California State University Channel Islands
Address	One University Drive, Camarillo, CA 93012
Site Use description	University Campus
Square footage/Acreage	1,200 acres (total); approx. 300 "campus"
Description of Facility/Land	Four-year university with on-site housing facilities; residential development on east campus; co-generation facility on-site; water reclamation facility on adjacent property
Facility Age	Building ages range from 1930's to 2016
Roof Condition (age/type)	Most not worth considering; three newer buildings have roofs constructed according to Title 24 with solar accommodations, but they are not currently "on-the-table" as available
Current Tariff from SCE	TOU-8-CPP (as of 4/12/2018)
Annual Usage and Max Demand	12,000,000 kWh; 2563 kW (prior to installation of new electric chiller; new chiller could pull as much as 359 kW at max load)
Opportunities and Constraints	Expanding load as campus grows; large load conducive to storage optimization; access to primary transmission lines; security of campus community; campus build-out plan in flux and may pose issues.
Energy Project Types Considered	Battery Storage, Micro-Grid control
Contact	Tom Hunt: Thomas.Hunt@csuci.edu ; (805) 437-3352
Main questions/concerns	Note that the campus does not have <i>exact</i> , detailed data on demand due to monitoring equipment from co-generator, but can provide extremely close approximation based upon 15-minute interval data.



Connections to grid at
66 kV or 16 kV available
at co-generation facility



Channel Islands

CALIFORNIA STATE UNIVERSITY

MAIN
CAMPUS AERIAL



SCALE: 1" = 150'-0"



IMAGERY DATE: 10/18/2013



Future solar arrays over parking lots could connect to battery storage



Channel Islands

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OVERALL
CAMPUS AERIAL



SCALE: 1" = 500'-0"



IMAGERY DATE: 10/18/2013